

GRACHEV Yu. V.

Literature po Chernoy i svetloye izobrazheniyu  
1957, 151 pp., 3,000 copies

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House, Dolzhenko, Ye. V., Tech. Sci. Acad. Sec. 1957  
Editorial Council of the Moscow State Univ. (Institute stall): Glinkov, M. A., Professor, Doctor  
Grigorash, R. N., docent, candidate of techn. sciences  
Gudsov, N. T., Academician (deceased); Yelutin, V. A.  
professor, doctor; Zhukhovitskiy, A. A., professor,  
doctor; Kidin, I. N., professor, doctor; Kuznetsov, S. G.,  
professor, doctor; Lyubimov, A. P., professor, doctor;  
Pavlov, I. M., corresponding member of the Academy of

Card 1/15

Yanai, K. S., professor, doctor

metallurgical research for plant designers, rolling mills, and forge shops. It may be profitably read by technical personnel, workers and students in this branch of industry.

ments and theoretical investigations dealing with structural changes and properties of various alloys. This series of articles by different researchers describes the deformations of metal under pressure, particularly deformations as they occur during rolling operations. The relationship of deformation and the shape and size of rollers is discussed in detail. Many specific instances dealing with the production of structural shapes are described.

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GRACHEVA, Yu. V.

137-58-4-8182

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 261 (USSR)

AUTHORS: Gorelik, S.S., Gracheva, Yu. V., Korneyev, N.I., Skugarev, I.G., Spektor, E.N.

TITLE: Relaxation and Recrystallization of Single-phase and Aging Nickel-base Alloys (Otdykh i rekristallizatsiya odnofaznykh i stareyushchikh splavov na nikelovoy osnove)

PERIODICAL: Sb. Mosk. in-t stali, 1957, Vol 36, pp 103-130

ABSTRACT: X-rays were employed to determine the temperature of onset and end of recrystallization due to treatment ( $t_p^o$  and  $t_p^f$ ), and the relaxation processes in hot-worked nichrome base (13% Cr) alloys with added Al, Ti, B, Mo, and W, introduced individually and jointly in various combinations. These factors were studied on the basis of the width and intensity of the (331) $\alpha$  reflexes. The  $t_p^o$  and  $t_p^f$  curves are presented as functions of the degree of deformation (D), also the relationship of hardness, lattice spacing of the base metal in the alloy, the intensity, and the spread of the (331) $\alpha$  reflex to the temperature of D (which ranged from room temperature to 1200°C). Three-dimensional diagrams of the recrystallization (R) interval were plotted in the following

Card 1/2

137-58-4-8182

Relaxation and Recrystallization (cont.)

coordinates: degree of D, temperature and heating time. It was shown that the individual introduction of B, Mo, and W into nichrome does not result in any significant change in  $t_p^i$ , but that an increase in  $t_p^i$  occurring in accordance therewith increases the R interval. Separate and joint additions of Al and Ti in various combinations with Mo and W (two-phase alloys) increase  $t_p^i$  and  $t_p^f$  the more, the higher the temperature boundary of the transition of these alloys to the single-phase state. This is related to the inhibition of R nucleation by aging processes. For single-phase alloys,  $t_p^i$  depends upon the degree of D, diminishing with increase in the latter, but in the case of two-phase alloys there is no dependence upon the degree of D. At all temperatures, a greater expansion of the reflexes was observed in the aging alloys. In cases of low D, restoration of the line width and intensity of the alloys studied occurs up to the moment of onset of R. When D is high, this process is only partial and undergoes completion at  $t_p^i$  or above. In aging alloys, the processes of removal of lattice distortions are inhibited.

1. Nickel alloys--Phase studies

A. B.

Card 2/2

TSELISHCHEVA, A.D., Kladnitskaya, T.L., Gracheva, Z.F.

Treating gonorrhea in women by affecting the pathological process  
through Head's zone. Sbor.nauch.rab.Bel.nauch.-issl.kozhno-ven.  
inst. 4:254-260 '54 (MIRA 11:7)

(GONORHEA)

TSELISHCHEVA, A.D., KLADNITSKAYA, T.L., GRACHEVA, Z.Y.

Significance of the intradermal reaction in gonorrhea. Sbor.nauch.  
rab.Bel.nauch.-issl.kozhno-ven.inst. 4:271-274 '54 (MIRA 11:7)  
(GONORRHEA)



TSELISHCHEVA, A.D., Kladnitskaya, T.L., Gracheva, Z.F.

Treating gonorrhea in women with penicillin combined with blood  
and sulfonamides. Sbor.nauch.rab.Bel.nauch.-issl.kozhno-ven.inst.

4:275-277 '54

(MIRA 11:7)

(GONORRHEA)

(PENICILLIN)

KANN, A.G.; GRACHEVAM I.M.

Changes in the fermenting activity of brewer's yeast occurring  
during its washing. Spirt. prom. 29 no.7:18-21 '63.

(MIRA 16:12)

1. Moskovskiy tekhnologicheskij institut pishchevoy promyshlennosti.

GRACHEVSKIY, M.M.

20-5-48/60

AUTHOR  
TITLE

GRACHEVSKIY, M.M.

On the Age and Stratigraphic Volume of the Lower Carboniferous Stratum of the Kuybyshev Trans-Volga Region  
(K voprosu o vozraste i stratigraficheskom ob'yeme nizhnokamennougol'noy terrigennoy tolshchi Kuybyshevskogo Zavolzh'ya. Russian)  
Doklady Akademii Nauk SSSR, 1957, Vol 114, Nr 5, pp 1091 - 1093 (U.S.S.R.)

PERIODICAL

ABSTRACT

East of the Russian plateau a terrigenous stratum with a thickness of up to 400 m was disclosed by research borings in the Lower Carboniferous. It is located between the Tourné lime-stones and those of the Tula horizon. Within the Kuybyshev region the zone of greatest thickness which was called the Kama-Kinel-depression may be traced from Gor'kiy Ovrag and Malinovka over Mukhanovo to Dmitriyevka and Mikhaylovka. The continuation of this zone is indicated in the Chkalov region between the Pilyugin and Busuluk Bore-holes. In connection with the established presence of petroleum in the Lower Carboniferous terrigenous stratum the exact definition of its stratigraphy is of great importance for the accurate orientation of test borings. Until recently the terrigenous stratum was considered to belong to the Carboniferous (Stalinogorsk) horizon, whereas some geologists ascribed it to the lower part of the Tula horizon. In other words, its domain was approximately restricted to the Yasnaya-Polyana lower stage of the unified system of Carboniferous stratigraphy. The boundary between the Tourné and Visé stage was

Card 1/3

20-5-48/60

On the Age and Stratigraphic Volume of the Lower Carboniferous Stratum of the Kuybyshev Trans-Volga Region

drawn at the basis of the terrigenous stratum ; in contact with the sub-  
jacent lime-stones. At present this boundary is drawn within the stratum,  
its main part being put to the Kiselovsk horizon of the Tourné stage,  
since the complex of spores and the brachiopods are similar to the Ki-  
selov lime-stone of the Ural. The problem of determining the boundary  
between the two mentioned stages is closely connected with the drawing  
of this boundary line in the Ural as well as with the precise determina-  
tion of the age of the Kiselov Lime-stone. These were subdivided into  
two horizons: Chimansk (lower) and Lun'yevsk (upper), and the boundary  
between the stages mentioned is drawn at the basis of the latter horizon.  
Here begins a new Viséic formation of foraminous fauna. This horizon  
corresponds to the layers with *Productus sublaevis* or to the Lower Coral  
zone of Western Europe. The peculiarity of these layers is an "explosion"  
of type formation and an essential renewal of all basic groups of the  
fauna: brachiopods, corals, goniatites, foraminifers and probably also  
ostrakods. The Kiselov lime-stones of the Russian plateau correspond to  
the Chikman horizon of the Ural, the C<sub>1</sub>d-zone of the Donets basin and  
evidently to the upper part of the C<sub>1</sub> lower zone of the Bristol cross  
section in England. The Lower Malinovian layers of V.M. Pozner contain-

Card 2/3

20-5-48/60

On the Age and Stratigraphic Volume of the Lower Carboniferous Stratum of the Kuybyshev Trans-Volga Region

ing schistous-clays with a rich fauna of cephalopods and ostracods represents a basic part of the terrigenous stratum of the Kuybyshev Trans-Volga region. These layers correspond to the C<sub>2</sub>-Lower Coral zone of the Anglo-Belgian basin or to the layers with Pr. sublaevis. Thus the Lower Malinoviap layers may be equated with the Lun'yev horizon of the Ural and the C<sub>1a</sub>-zone of the Donets basin. Therefore the border between the Tourné and Visé stages was established along the boundary line between Carboniferous and terrigenous rocks. An analogous development may be found in the Karaganda basin in North-Kazakhstan. It might perhaps be expedient to set up the Lower Malinovian Layers as an independent subdivision of the Visé stage. (15 Slavic references)

ASSOCIATION

Petroleum Institute of the Academy of Sciences of the U.S.S.R.  
(Institut nefti Akademii nauk SSSR)

PRESENTED BY

STRAKHOV, N.M., Member of the Academy

SUBMITTED

24.12.1956

AVAILABLE

Library of Congress

Card 3/3

AUTHOR: Grachevskiy, M. M. SOV/ 20-120-6-44/59

TITLE: A New Genus of Ostracoda From the Malinovskiy Strata of the Kuybyshev Region on the Left Bank of the Volga (Novyy rod ostrakod iz malinovskikh sloyev Kuybyshevskogo Zavolzh'ya)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 6, pp.1322-1325 (USSR)

ABSTRACT: In recent times a strip of terrigenous strata of different age with a length of 1000 km was separated in the Lower Carbonic of the Volga-Ural district (Volgo-Ural'skaya oblast'). Ostracoda play an important role in its structure. The malinovskiy strata (Ref 1) are stratified at the bottom of the terrigenous mass of the region behind the Volga near Kuybyshev (Kuybyshevskoye Zavolzh'ye). 1) They were determined to **belong to the verkhnekiselevskiy period.** The opinions on the relations between the **malinovskiy strata** and the subjacent beds of limestones as well as on the position of the latter towards the Tournaisian or Visé stage are diverging. In order to determine the stratigraphy the author studied the fauna of Ostracoda in both above-mentioned strata. The repeated occurrence of this fauna in the mali-

Card 1/3

SOV/20-120-6-44/59

A New Genus of Ostracoda From the Malinovskiy Strata of the Kuybyshev Region  
on the Left Bank of the Volga

novskaya mass demonstrates the stratigraphic character of the contact of terrigenous strata with the subjacent limestones. The genus of Quasipterygarchites found by the author for the first time is a characteristic new formation of the malinovskiy Ostracoda complex. It is characterized by a very frequent occurrence. This distinguishes the malinovskaya terrigenous mass from the older terrigenous masses. A marked changeableness of shape of this new genus indicates, according to the opinion of the author, a loss of perpetuation in heredity. The configuration and the ecogenesis of the mentioned genus took place while the water in the Kama-Kinel' basin (Kamsko-Kinel'skaya vpadina) began to turn brackish and also during the change from a carbonate sedimentation to a terrigenous one. This process was connected with regional elevations at the beginning of the Visean. A turbulent formation in all main groups of the fauna (zone Caninia 2) was connected with these elevations which changed the ecological medium itself in districts with relatively stable conditions of sedimentation. The leading importance of the above genus of Ostracoda for the malinovskiy strata and their lacking in

Card 2/3

SOV/ 20-120-6-44/59  
A New Genus of Ostracoda From the Malinov Strata of the Kuybyshev Region  
on the Left Bank of the Volga

the subjacent and overlying substages confirms the separation of these strata as an independent malinovskiy substage within the Visean (Ref 3). Following, the new genus of Quasiparaparchites Grachevsky, gen. nov., 1958 (family Leperditellidae) with two species: Q. malinovkensis sp. nov. (Fig 1), and Q. raduevskensis sp. nov. (Fig 2) is described. There are 2 figures and 9 references, 4 of which are Soviet.

ASSOCIATION: Moskovskiy nefitynnoy institut im. I. M. Gubkina (Moscow Petroleum Institute imeni I. M. Gubkin)  
PRESENTED: March 13, 1958, by H. S. Shatskiy, Member, Academy of Sciences, USSR  
SUBMITTED: March 12, 1958

1. Geological time--Determination 2. Paleoecology

Card 3/3



3(5)

AUTHOR:

Grachevskiy, M. M.

SOV/20-125-6-39/61

TITLE:

Particular Traits in the Structure and Formation of the Kama-Kinel' Depression in the Kuybyshev Trans-Volga Region and Tatarsiya (Osobennosti stroyeniya i formirovaniya Kamsko-Kinel'skoy vpadiny v Kuybyshevskom Zavol'zh'ye i Tatarii)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 6, pp 1311-1314 (USSR)

ABSTRACT:

The depression mentioned in the title (Ref 1) forms a relatively narrow but extensive stratum (approximately 1000 km) in which a thick terrigenous mass (up to 400 m) is distributed. This mass developed in the Volga-Ural petroleum region below the Tula horizon and is called Saraylinskaya in Tatarsiya. The origin of the aforesaid depression is explained by three hypotheses: (a) by erosion (Refs 1-4), (b) by tectonic reasons or by inversion (Refs 5,6), and (c) by the facial replacement of the terrigenous mass by Devonian and Carboniferous carbonate rocks at the edges of the depression (Ref 7). On the strength of the investigation of the stratigraphy of the terrigenous mass the author draws the following conclusions which are based upon the entire paleontological material available. They are in accordance

Card 1/5

Particular Traits in the Structure and Formation of SOV/20-125-6-39/61  
the Kama-Kinel' Depression in the Kuybyshev Trans-Volga  
Region and Tatariya

with the conceptions concerning the perpetuation (unasledovannost') of a Lower Carboniferous depression of the above-mentioned Upper Devonian stage of this region (Ref 10) and are a continuation of these conceptions. (1) The Kama-Kinel' depression lies between elevations of the first order. It surrounds from three sides the region of the southern arch of the Tatariya anticline. Consequently, its formation is bound to be related to the tectonics. (2) The total thickness of the carbonate mass and the terrigenous mass resting upon it (from the base of the Tula horizon to the base of the Domanik horizon) is approximately equal in the depression itself and at its edges. Thus, an immediate downwarping of the zone of terrigenous mass is impossible. Only the inversion variant (formation of a depression instead of an elevation) is possible. This is, however, denied by the facial peculiarities of the carbonate mass. (3) The afore-mentioned carbonate mass has a maximum stratigraphic distribution of a Domanik facies of comparatively deep water in the region of the depression. (4) The Domanik facies mentioned leads in the stratigraphic sequence from the Domanik

Card 2/5

Particular Traits in the Structure and Formation of  
the 'Kama-Kinel' Depression in the Kuybyshev Trans-Volga  
Region and Tatarsiya

SOV/20-125-6-39/61

horizon back to the Kizelov horizon. The carbonate shelf facies of the shallow water increase accordingly. (5) A total replacement according to the age of paleontological complexes takes place "along the horizontal line" from the axis of the depression towards its periphery: from the Lower Visean up to the Lower Famennian. (6) The two last-mentioned peculiarities are determined by a striated deltoid zonality of the lithological-stratigraphic complexes. The masses of different age rest upon one another like in a stratigraphic sequence. The terrigenous mass is of different age in the transverse direction of the course of the depression: Lower Visean (Stalinogorsk-Malinovskaya), i.e. practically carbonate-free mass is distributed everywhere in the axial part of the depression. On the other hand, a Tournaisian terrigenous carbonate suite (up to 270 thick) was formed in the adjacent stratum along the exterior edge of the depression (from the side of the central regions of the Russian platform): (A) Upper Tournaisian and (B) Lower Tournaisian masses. (8) According to the rules governing the distribution of Domanik facies, the Kama-Kinel' depression was formed by

Card 3/5

Particular Traits in the Structure and Formation of the Kama-Kinel' Depression in the Kuybyshev Trans-Volga Region and Tatariya SOV/20-125-6-39/61

gradual disappearance of extensive and relatively deep Domanik waters which were transformed into shallow epicontinental waters. The carbonate shelf increased during the Upper Frasnian, the Famennian, and the Tournaisian. The entire region pulsated, and sources of denudation approached. (9) The axial part (of the deep water) of the depression was compensated during the early Visean before the beginning of the Tula time, i.e. by a regressive terrigenous mass with sandstones and coals in the upper part. Thus, the Kama-Kinel' depression is no erosion- or tectonic zone, but an accumulation-topographical one. Its course was continued by an extensive unbalanced tectonic downwarping of the late Mendymyskoye. The reefs in the edges may bear petroleum or natural gas. There are 16 references, 12 of which are Soviet.

ASSOCIATION: Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. I. M. Gubkina (Moscow Institute of the Petrochemical and Gas Industries imeni I. M. Gubkin)

PRESENTED: January 10, 1959, by N. S. Shatskiy, Academician  
Card 4/5

Particular Traits in the Structure and Formation of  
the Kama-Kinel' Depression in the Kuybyshev Trans-Volga  
Region and Tatariya

SOV/20-125-6-39/61

SUBMITTED: January 5, 1959

Card 5/5

GRACHEVSKIY, M.M.; MARINBERG, S.V.; MOZHAYEV, N.S.; UL'MISHEK, G.F.

Lower Kazan uncompensated trough in Orenburg Province. Neftegaz.  
geol.i geofiz. no.9:20-24 '63. (MIRA 17:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteri-  
yev otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologi-  
cheskogo komiteta SSSR.

GRACHEVSKIY, M.M.

Stratigraphic and paleogeographic grounds for seaching for  
new oil pools in the Kama-Kinel' Depression. [Trudy]  
NILneftegaza no.10:79-97 '63. (MJRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh  
kriteriyev otsenki perspektiv neftegazonosnosti.

GRACHEVSKIY, M.M.; DUBOVSKOY, I.T.; ROTENFEL'D, V.M.; SEYFUL'-MULYUKOV, R.B.

Relationship between the terrigenous Devonian and Lower Cretaceous paleostructural patterns in the Volga Valley portion of Saratov and Volgograd Provinces. Geol. nefti i gaza 7 no.7:34-38 J1 '63 (MIRA 16:7)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti.

(Saratov Province--Geology, Structural)  
(Volgograd Province--Geology, Structural)



GRACHEVSKIY, M.M.; KUZNETSOV, V.G.

Paleogeography of the Bobrikovskii time in the central trans-Volga region. Dokl. AN SSSR 150 no.1:146-148 My '63. (MIRA 16:6)

1. Predstavleno akademikom D.V.Nalivkinym.  
(Volga Valley--Paleogeography)

GRACHEVSKIY, M.M.; KHACHATRYAN, R.O.; KOMARDINKINA, G.N.

Reefy nature of the Khilkovo carbonate massif. Dokl. AN SSSR 153  
no.2:429-432 N '63. (MIRA 16:12)

1. Predstavleno akademikom D.I.Shcherbakovym.

GRACHEVSKIY, M.M.; GUSEVA, A.N.; FAYNGERSH, L.A.

Causes responsible for the changes in the composition of oils  
from the terrigenous oil- and gas-bearing complexes of the  
Volga-Ural region. Izv. AN SSSR. Ser. geol. 30 no.8:76-84  
Ag '65. (MIRA 18:9)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova i  
Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev  
otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologicheskogo  
komiteta SSSR, Moskva.

GRACHEVSKIY, M.N.

Petroleum and petroleum products in West Germany. Biul.tekh.-ekon.  
inform. no.6:86-88 '60. (MIRA 13:8)  
(Germany, West--Petroleum industry)

GRACHEVSKIY, Yu.; KOROSTELEVA, Ye., redaktor; YAKOVLEVA, Ye., tekhnicheskii redaktor

Vladimir Utkin. [Moskva] "Moskovskii rabochii," 1951. 38 p.  
[Microfilm] (MLRA 7:10)  
(Utkin, Vladimir Vasil'evich)

ITENBERG, I.M., redaktor; BELYAYEVA, L.I., redaktor; GRACHIKOVA, V.I.,  
redaktor; PEKHOVA, Z.P., redaktor; ROSTOVTSSEVA, Ye.P., redaktor;  
BUKHANOVA, N.I., tekhnicheskiy redaktor; LIFSHITS, N.I., tekhniches-  
kiy redaktor; SIMANOVSKIY, A.Ya., tekhnicheskiy redaktor

[World atlas] Atlas mira. Moskva, 1955. 136 p. maps. (MLRA 8:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i karto-  
grafii.

(Atlases)

ITENBERG, I.M., red.; BELYAYEVA, L.I., red.; GRACHIKOVA, V.I., red.;  
PINKHOVA, Z.P., red.; ROSTOVTSHEVA, Ye.P., red.; BUKHANOVA, A.V.,  
tekhn.red.; CHEKANIKHIN, S.M., tekhn.red.

[World atlas] Atlas mira. Moskva, 1958. 135 p. (MIRA 11:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i  
kartografii.  
(Atlases)

*CH*

Burning of mari mixtures in Schneider shaft kilns.  
A. N. Grachyan and M. K. Gavrilov. *Prom. Stroitel.*  
*Material. 1960, No. 4/5, 65-71. R. E. Stefanowsky*

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA

20

Colored cements made of Novorossiisk marls. A. M. Prostyakov and A. N. Gulyan. *Tsvet* 18, No. 1, 16-17 (1952). - Clinkers for colored cements were produced of these low-Fe marls. For cements the clinker was ground together with uncalcined marl and pigment. Red lead, mummy, and ochre were used as pigments. M. Haseh

GRACH'YAN, A.N.

AZELITSKAYA, R.D.; GRACH'YAN, A.N.; MATSOKIN, V.I.; PONOMAREV, I.F.;  
PRIKHODCHENKO, N.A.; KHRIPKOVA, G.A.

"Handbook on the technology of binding materials." IU.M.Butt.  
Reviewed by R.D.Azelitskaia and others. TSement 20 no.5:32-33 S-0  
'54. (MLBA 7:11)

1. Kafedra tekhnologii tsementa Novocherkasskogo politekhnicheskogo  
instituta im. S.Ordshonikidze.  
(Building materials)

GRACH'YAN, A. N.

Grach'yan, A. N.

"Investigation of the Process of Refining Cement Cinders by Rapid Cooling in Water." Min Higher Education USSR. Novocherkassk Polytechnic Inst. imeni Sergo Ordzhonikidze. Chair of Cement Technology. Novocherkassk, 1955. (Dissertation for the Degree of Candidate Technical Sciences.)

Knizhnaya Letopis'; No. 27, 2 July, 1955

15-57-10-14327

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,  
p 158 (USSR)

AUTHOR: Grach'yan, A. N.

TITLE: Decorative Cements From Natural Marls (Dekorativnyye  
tsementy iz natural'nykh mergeley)

PERIODICAL: Nauchn. tr. Novocherkas. politekhn. in-ta, 1956,  
Nr 27 (41), pp 187-190

ABSTRACT: Natural iron-poor marls of the Novorossiysk quarry,  
roasted in shaft kilns over ash-free fuel and quenched  
with water, give a white cement that meets the demands  
of standard specifications. The compressive strength  
of clinkers roasted in shaft furnaces and quenched in  
water proves to be practically equivalent to that of  
clinkers cooled slowly. The production of white cement  
from natural marls by a simplified technological process  
supplies cement of almost normal value, which is avail-  
able for wide use in town and village construction.

V. P. Yermeyev

Card 1/1

INST: Kafedra tekhnologii tsementa Novocherkasskogo politekhnicheskogo instituta.

*GRACH'YAN, A.N.*

PONOMAREV, I.F.; GRACH'YAN, A.N.

"Technology of cement and other binders" by IU. M. Butt.

Reviewed by I.F. Ponomarev, A.N. Grach'ian. TSement 24 no.1:31

Ja-Fe '58.

(MIRA 11:4)

1. Novocherkasskiy politekhnicheskiy institut.

(Bibliography—Cement) (Butt, IU.M.)

GRACH'YAN, A.M., dotsent, kand.tekhn.nauk

Effect of the mineralogical composition on the process of  
whitening cement clinkers. Trudy NPI 47:11-30 '58.  
(MIRA 13:5)

1. Novocherkasskiy ordena Trudovogo Krasnogo Znameni  
politekhnicheskii institut imeni Sergo Ordzhonikidze, kafedra  
tekhnologii tsementa.  
(Cement)

GRACH'YAN, A.N.

Effect of the dimensions of cement clinker grains on the  
whitening process. Izv.vys.ucheb.zav.;khim. i khim.tekh. 3  
no.3:504-508 '60. (MIRA 14:9)

1. Novocherkasskiy politekhnicheskiy institut imeni S.  
Ordzhonikidze, kafedra tekhnologii vyazhushchikh veshchestv.  
(Portland cement)

GRACH'YAN, A.N. dotsent, kand.tekhn.nauk

Effect of physiochemical factors on the effectiveness of whitening  
cement clinker. Nauch.soob.NIITSementa no.8:19-23 '60. (MIRA 14:5)

1. Novocherkasskiy politekhnicheskii institut.  
(Cement clinker)



GRACH'YAN, A.N.; ZUBEKHIN, A.P.

Effect of the mineralizing additives on the process of  
calcination and properties of the clinker for white portland  
cement. Trudy NPI 129:3-22 '62. (MIRA 18:3)

GRACH'YAN, A.N.; ROZHDESTVENSKIY, S.S.

Using the resonance method in studying the properties of  
white portland cement. Trudy NPI 129:29-33 '62.

(MIRA 18:3)

GRACH'YAN, A.N.; ZARUTSKIY, S.A.; STEPANOVA, A.I.; ZUBEKHIN, A.P.;  
DYADISHCHEV, N.I.

Increasing the whiteness of cement clinker. TSement 28 no.1:11  
Ja-F '62. (MIRA 16:5)  
(Cement clinkers)

DOVYBOROVA, L.N.; GRACEYAN, A.N.

Investigating the intensification of the process of grinding  
white portland cement by organic surface-active substances.  
Trudy NPI 154:3-13 '63. (MIRA 17:10)

PONOMAREV, I.F.; GRACH<sup>YAN</sup>, A.N.; GAYDZHUROV, P.P.

Rapid determination of metallic iron in cements. Zav.lab. 29 no.2:  
163 '63. (MIRA 16:5)

1. Novocherkasskiy politekhnicheskiy institut.  
(Iron--Analysis) (Cement)

PONOMAREV, I.F.; GRACH'YAN, A.N.; GAYDZHUROV, P.P.

Use of the magnetic method for determining the metallic iron content of white Portland cement. Izv.vys.ucheb.zav.; khim. i khim.tekh. 7 no.2:341-343 '64. (MIRA 18:4)

1. Novocherkasskiy politekhnicheskiy institut, kafedra tekhnologii vyazhushchikh veshchestv.

GRACH'YAN, A.N.; ZUBEKHIN, A.P.

Effect of the increased additions of gypsum on the strength of  
white portland cement. Izv. vys. ucheb. zav.; khim. i khim. tekhn.  
7 no.4:633-638 '64. (MIRA 17:12)

1. Kafedra tekhnologii vyazhushchikh veshchestv Novocherkasskogo  
politekhniceskogo instituta im. S. Ordzhonikidze.

GRACH'YAN, A.N.; ZUBEKHIN, A.P.; KONONENKO, N.V.

Intensifying the grinding of raw materials in the production of  
white Portland cement. Izv. vys. ucheb. zav., khim. i khim. tekh.  
7 no.5:816-820 '64 (MIRA 18:1)

1. Kafedra tekhnologii vyazhushchikh veshchestv Novochoerkasskogo  
politeknicheskogo instituta imeni S. Ordzhonikidze.



PONOMAREV, I.F., doktor khim. nauk; GRACHEV, A.N., kand. tekhn. nauk;  
ZUBEKHIN, A.P., inzh.

Effect of mineralizers on the process of clinker formation.  
TSement 30 no.4:3-5 J1-Ag '64. (MIRA 17:11)

1. Novocherkasskiy politekhnicheskii institut.

AVDEYEV, N.Ya.; GRACH'YAN, A.N.; DOVYBOROVA, L.N.

Analytical method for the quantitative evaluation of the  
effect of surface-active agents on the granulometric  
composition of cement. Koll. zhur. 27 no.4:481-484  
Jl-Ag '65. (MIRA 18:12)

1. Rostovskiy-na-Donu pedagogicheskiy institut. Submitted  
April 8, 1964.

BADALYAN, R.; GRACHYAN, Ye.

Practical method for testing and correcting the acidity of  
nickel electrolytes. Prom.Arm. 4 no.9:28-30 S '61. (MIRA 14:11)

1. Yerevanskiy chasovoy zavod.  
(Electrolytes--Testing)

GRACHYKHIN, V.I.

S/201/62/000/004/002/005  
D234/D308

AUTHORS: Hrachykhin, L.I. and Yel'yashevich, M.A.

TITLE: Broadening of sodium and lithium lines in inhomogeneous fields

PERIODICAL: Akademiya navuk Byelaruskay SSR. Vestsi. Seriya fizika-tekhnichnykh navuk, no. 4, 1962, 37-41

TEXT: Using V.S. Miliyanchuk's results (Dis. L'vov, 1956) the authors compute the Stark splitting of 4982.8 and 5688.1 Å lines of Na and 4132.3, 4603, 6103.5 Å lines of Li, for  $n_+ + n_- = 10^{17}$  and  $10^{18} \text{cm}^{-3}$ . If  $n_-$  is larger than  $n_+$  there is an asymmetry in broadening, with a displacement of the maximum towards smaller wavelengths. The difference of the long-wave and short-wave part of the line and the displacement of the maximum increase linearly with the difference of concentration  $n_+ - n_-$ . If  $n_+$  is larger than  $n_-$  the asymmetry and the displacement change their signs with respect to the center of the line. There are 3 figures and 1 table.

Card 1/1

*Gracki H.*  
MIETKIEWSKI, E.; GRACKI, H.; SZCZEPANSKI, B.

Peptone shock in artificial hibernation in dogs. Acta physiol. polon.  
8 no.3:459-460 1957.

1. Z Zakładu Fizjologii Pomorskiej A. M. w Szczecinie Kierownik: prof.  
dr E. Mietkiewski.

(HIBERNATION, ARTIFICIAL, effects,  
on peptone shock (Pol))

(PEPTONES, effects,  
exper. shock, in artif. hibernation (Pol))

(SHOCK, experimental,  
peptone induced, eff. of artif. hibernation (Pol))

Poland/General Problems of Pathology - Shock

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84811

Author : Mietkiewski, E., Gracki, H., Szczepanski, B.

Inst : No institute is given

Title : Peptone Shock in Dogs during Artificial Cooling

Orig Pub : Acta Physiol. Polon., 1957, Vol. 8, No. 4, 637-653

Abstract : Under pentothal narcosis 25 dogs were caused to undergo shock by the injection into the blood stream of 1.2 ml/kg of a 20 percent solution of peptone. In those cooled to 25-26 degrees C, shock came on more slowly and was milder than in the normal, but the manifestations of shock persisted longer than in the normal controls. The preliminary injection of four to five mg/kg of largactyl to the cooled animals deepened the peptone shock. The intravenous injection of four to ten mg/kg of antistine did not protect the anesthetized dogs from the development of shock, but the manifestations of shock were eliminated more quickly. In non-cooled con-

Card 1/2

GRACIUM, Ion, Mercellog

Discussing the conference. Constr Buc 16 no. 73724 22 F'64.

GRACIUNEANU, R  
SURNAME, Given Name

Country: Rumania

Academic Degrees: [not given]

Affiliation: -not given-

Source: Bucharest, Revista de Chimie, Vol 12, No 9, Sep 1961, pp 557-558.

Data: "Behavior of Silver Ion Towards Two Reagents of the Mercaptan Class."

Authors:

FLORIN, E.

REZNIKOV, L.

GRACIUNEANU, R.

GPO 981643



CORGIOVEI, A.; GRACU, D.

Energy bands in partially disordered binary alloys. Studii care fiz  
11 no.2:285-294 '60. (EEAI 10:1)

(Systems (Chemistry)) (Alloys) (Electrons)

(Wave mechanics) (Solids)

GRACZ, P.

In spite of difficulties we have to fulfill our plan.

P. 6. (Rolnik Spolodzielca. Vol. 9, (i.e.10) no. 7, Feb. 1957, Warszaw, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

GPACZA, I.

"Comparative investigation of the auxin receptiveness of the different varieties of coleoptiles." In German. p. 145.

ACTA UNIVERSITATIS SZEGEDIENSIS. PARS BIOLOGICA SCIENTIARUM NATURALIUM.  
ACTA BIOLOGICA. Szeged, Hungary, Vol. 3, No. 3/4, 1957.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8, August 1959.  
Uncla.

L 01192-66

ACCESSION NR: AP5025811

AUTHOR: Gracza, Lajos; U. Csizer, Eva

HU/0005/65/071/006/0242/0244

TITLE: Study of the active ingredients in Asarum europaeum. Part 5: Aromatic hydroxycarboxylic acids

SOURCE: Magyar kemiai folyoirat, v. 71, no. 6, 1965, 242-244

TOPIC TAGS: aromatic hydroxy carboxylic acid, pharmacognosy, pharmacology, plant chemistry

ABSTRACT: The aromatic hydroxycarboxylic-acid fraction from Asarum europaeum was investigated with the aid of paper-chromatography. Chlorogenic acid was identified both in the leaf (24.2 γ/g.) and in the root (11.3 γ/g.). Additional compounds identified included isochlorogenic acid, caffeic acid, and synapic acid. The findings were correlated to the antibacterial properties of the extracts of this plant. Orig. art. has: 2 figures, 2 graphs, 3 tables, 1 formula.

ASSOCIATION: Kobanyai Gyogyszerarugyar Novennykemiai Kutatolaboratoriuma es Alkalmazott Fizikai-Kemiai Kutatolaboratoriuma, Budapest (Research Laboratory for Plant Chemistry and Research Laboratory for Applied Physical Chemistry, Kobanya Pharmaceutical Works)

Card 1/2

Card 2/2

L 01192-66

ACCESSION NR: AP5025811

SUBMITTED: 19Nov64

ENCL: 00

SUB CODE: OC, LS

NR REF SOV: 001

OTHER: 024

JPRS

Card <sup>KC</sup> 2/2

GUMINSKA, Z.; GRACZ, M.

Experiments in cultivating without soil green-house carnations.  
Acta agrobot 13:131-145 '63.

1. Ogród Botaniczny Uniwersytetu Wrocławskiego, Wrocław.

GRACZEWSKI, Jan, doc. medycyny fizykalnej

\*Scientific principles of coaching\* by John W. Bunn. Reviewed  
by Jan Graczewski. Problemy 19 no.6:397 '63.

\*

GRACZA, L. EXCERPTA MEDICA Sec 4 Vol.11/9 Microbiology Sep 58

2023. ANTIBACTERIAL SUBSTANCES IN LEAVES OF DRIED PLANTS - Fer-  
ency L. and Gracza L. Inst. for Plant Physiol., Univ. of Szeged -  
NATURWISSENSCHAFTEN 1957, 44/22 (590-591) Tables 1  
Twenty-eight of 442 plant species in broth agar showed growth-retarding character-  
istics as regards *Bacillus cereus* var. *mycoides* and *Staphylococcus aureus*.



SARKANY, Sandor; SARKANY ~~SANDOR~~ KISS, Iren; GRACZA, Peter

Investigation of the histogenic processes pertaining to the development of seed coat in some dicotyledonous plants. Botan kozl 49 no.1/2:32-46 '61.

1. Institut fur angewandte Botanik und Histogenetik der Universitat, Budapest VIII., Muzeum korut 4/a. 2. Magyar Biologiai Tarsasag Botanikai Szakosztalyanak elnoke (for Sandor Sarkany).

HUNGARY

VEGH, Antal, BRANTNER, Antal, SZASZ, Gyorgy, BUDVARI, Robert, Mrs. ORA-CZA, Peter, Mrs; Medical University (Orvostudományi Egyetem), Institute of Pharmaceutical Chemistry (Gyógyszerészeti Kémiai Intézet), Budapest.

"Data on Identity Tests of Powder Mixtures. I. Demonstration of Morphine, Ethylmorphine and Codeine."

Budapest, Acta Pharmaceutica Hungarica, Vol 33, No 2, Apr 63, pp 57-66.

Abstract: [Authors' German summary modified] The Marquis and Husemann reaction is proposed as the group test for the demonstration of opium alkaloids in powder mixtures. Morphine was shown by the Robinet reaction (ferric chloride) and the Kieffer reaction (potassium ferriocyanide). Ethylmorphine and codeine were shown by the Zeisel method (alkyl iodide) and the Feigl-Silva method (ethoxy group), respectively. The method may be carried out with 0.1-0.3 grams of material by a simple procedure in 5-15 minutes. Of 20 references, 2 are Hungarian, the rest is Western.

b7d

GRACZA, Lajos; CSIZER, Eva. O.; TATAR, Jozsef

Analysis of the components of Asarum europeum L. VI. Determination of the volatile oil and asarone-(1-propenyl-2,4,5,-trimethoxybenzol) content. Acta pharm. Hung. 35 no.4:169-174 J1'65.

HUNGARY

VEGH, Antal, BUDVARI, Robert, Mrs. SZASZ, Gyorgy, BRANTNER, Antal, GRACZA, Peter, Mrs.; Medical University (Orvostudományi Egyetem), Institute of Pharmaceutical Chemistry (Gyógyszerészeti Kémiai Intézet), Budapest.

"Data on Identity Tests of Powder Mixtures. II. Demonstration of Atropine."

Budapest, Acta Pharmaceutica Hungarica, Vol 33, No 2, Apr 63, pp 67-72.

Abstract: [Authors' Hungarian summary] The literature of the reactions of atropine (tropane derivative alkaloids) was reviewed critically from the point of view of the demonstration of atropine in powder mixtures. It has been found that none of the reactions are suitable for the direct demonstration of the substance. A simple procedure for the preliminary separation of atropine has been described and it was suggested that the Vitali or ferric hydroxamate reactions be used for identifying atropine. From powder mixtures which also contain papaverine and amideazophen, atropine is separated and identified by thin-layer chromatography. As model mixtures those atropine containing mixtures listed in Formulae Normales IV were used. Of 23 references, 8 are Eastern European, the rest is Western.

1/1

GRACZEWSKI, Jan

Physiotherapy in mastitis puerperalis (own observations). Gin.  
polska 30 no.4:435-440 J1-Ag '59.

1. Z Zakladu Fizjoterapii Szpitala no.8 w Warszawie. Kierownik:  
doc.dr.med. Jan Graczeński.

(PUERPERIUM compl.)

(MASTITIS ther.)

(PHYSICAL THERAPY)

GRACZEWSKI, Jan, doc. dr med.

The magnetic field is not indifferent to life. Problemy  
21 no.3:147-148 '65.

GRACZYK, C.

Economic production of fine coal.

P. 9. (ENERGETYKA) (Warszawa, Poland) Vol. 12, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

POLAND/Atomic and Molecular Physics - Heat.

D

Abs Jour : Ref Zhur Fizika, No 4, 1960, 8368

Author : Graczyk Czeslaw

Inst : ~~Politechn. Slaskiej~~

Title : Design of a New Type Steam Calorimeter

Orig Pub : Zesz. nauk. Politechn. slaskiej, 1959, No 19, 55-62

Abstract : To determine the efficiency of a steam turbine it is necessary to know the degree of dryness  $x_2$  of the exhaust steam fed to the condenser. The steam is introduced through an insulated pipe into a calorimetric vessel, equipped with a thermometer, mercury manometer, and an electric heater. After sufficient flow of the steam through the vessel, when it is possible to assume that the parameters of the steam in the calorimeter do not differ essentially from the parameters of the exhaust steam, the temperature  $t_1$  and pressure  $P_1$  are measured, and then the inlet and outlet valves are

Card 1/2

POLAND/Atomic and Molecular Physics - Heat.

D

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516510019-

Abs Jour : Ref Zhur Fizika, No 4, 1960, 8368

closed and the steam sample heated to superheat at a temperature  $T_2$  and a pressure  $P_2$ . The degree of dryness of the steam is calculated from the formula  $x_2 \approx f(t_1, P_1) \cdot T_2/P_2$ . The function in the numerator is tabulated. We also suggest that the instrument proposed gives greater accuracy than a throttle calorimeter. -- B.I. Pilipchuk

Card 2/2



GRACZYK, J.

Simplified formulas for measuring the tooth depth in spur gears. p. 214..

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)  
Warszawa, Poland. Vol. 18, no. 7, April 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959.

Uncl.

L 09212-67

ACC NR: AT7002752

SOURCE CODE: PO/0046/66/011/005/0339/0343

AUTHOR: Selecki, Anatol--Seletski, A.; Graczyk, Jan--Grachik, Ya. 15

ORG: Department of Isotope Applications in Chemistry and Chemical Technology,  
Institute of Nuclear Research, Warsaw-Zeran (Zaklad Stosowania Izotopow w Chemii i  
Technologii Chemicznej, Instytut Badan Jadrowych)

TITLE: Investigations on the isotopic composition of water from Tarnobrzeg Basin

SOURCE: Nukleonika, v. 11, no. 5, 1966, 339-343

TOPIC TAGS: isotope, surface water

ABSTRACT: The isotopic composition of water samples from Tarnobrzeg sulphur mines  
was determined; It was found that it does not differ from the isotopic composition  
of surface waters. The flotation method used for measurements is described and its  
accuracy estimated. Orig. art. has: 2 tables. [NA]

SUB CODE: 18, 07 / SUBM DATE: 21Dec65 / ORIG REF: 001 / SOV REF: 005  
OTH REF: 010

Card 1/1 *mla*

*0925 1626*

GRACZYK, Jerzy

Ten year jubilee exhibition of the Association of Construction  
and Assembling of the Coal Industry. Wiadom gorn 11 no. 9:316-317  
S '60.

SELECKI, Anatol; GRACZYK, Jerzy

Thermostat of  $5.10^{-4}^{\circ}\text{C}$  thermostating accuracy. Nukleonika 8  
no.4:261-263 '63.

1. Zakład Stosowania Izotopów w Chemii i Technologii Chemicznej,  
Instytut Badan Jądrowych, Warszawa 9.

GRACZYK, Jerzy; WANAT-KONDRATOWICZ, Wladyslawa

The side-effects of treatment with major antituberculous drugs in patients with newly diagnosed pulmonary tuberculosis in 1959-1962. Gruzlica 32 no.11:1009-1012 N '64

1. Z Katedry i Kliniki Ftizjatrii Studium Doskonalenia Lekarzy Akademii Medycznej w Szpitalu im. dr. A. Sokolowskiego w Lodzi (Kierownik: prof. dr. med. M. Zierski).

GRACZYK, R.

Investigations of the appearance and number of common thrush (Turdus merula L.)  
in Poland. p. 55

EKOLOGIA POLSKA, SERIA A. (Polska Akademia Nauk. Komitet Ekologiczny)  
Warszawa, Poland  
Vol. 7, no. 3, 1959

Monthly list of East European Accession (EFAI) LC, vol. 9, no. 1, Jan. 1960

uncl.

KIERST, Wladyslaw; USELIS, Janusz; GRACZYK, Mieczyslaw; KRZYWICKI, Andrzej

Pulmonary changes in shipyard arc-welders. Bull. Inst. Mar. Med.  
Gdansk 15 no.3:149-156 '64

1. From the Institute of Marine Medicine in Gdansk.

GRACZYK, Ryszard

Experimental studies on the ethology of the species of the genus  
Turdus L. Roczniki wyz szkola rol Poznan 17:21-71 '63.

1. Department of Zoology, College of Agriculture, Poznan.



GRACZYK Zofia

RDZANEK, Irena; GRACZYK, Zofia

*Same as GRACZYKOWA-TOLWINSKA,  
Zofia*

Studies on reversibility of pleomorphism in cultures of patho-  
genic fungi. Przegl.derm,Warsz. 5 no.2:136-142 Mar-Apr '55.

1. Z Kliniki Dermatologicznej A.M. w Warszawie. Dyrektor: prof.  
dr S.Jablonska i z Instytutu Dermatologii i Wenerologii.  
Dyrektor: doc.dr J. Suchanek.

(FUNGI, culture  
pleomorphic strains regression)

RDZANEK, Irena; SZUCHNIK, Andrzej; GRACZYK-TOLWINSKA, Zofia

Studies on fungicides. Przegl. derm., Warsz. 6 no.5:403-406  
Sept-Oct 56.

1. Z Kliniki Dermatologicznej A.M. w Warszawie. Dyrektor Prof.  
dr. S. Jablonska. Z Zakladu Chemii Organicznej U. W Kierownik:  
prof. dr. W. Lampe. Z Instytutu Dermatologii i Wenerologii  
p. o. Dyrektor: doc. dr. T. Stepniewski. Warszawa, Klinika  
Dermatologiczna Akademii Medycznej, Koszykowa 82 a.

(FUNGICIDES, therapeutic use,  
comparison of various prep. (Pol))

GRACZYK-TOLWINSKA, Zofia, (Warszawa, Instytut Dermatologii ul. Koszykowa 82-a.)

Methods of laboratory examination of antimycotic agents. Przegl.  
derm., Warsz. 7 no.1:59-63 Jan-Feb'57.

1. Z Kliniki Dermatologicznej A. M. w Warszawie. Dyrektor: prof.  
dr. S. Jablonska Z Instytutu Dermatologii i Wenerologii p. o. Dyrektora:  
doc. dr. T. Stepniewski.

(FUNGICIDES,

laboratory exam., methods (Pol))

POLAND/Chemical Technology. Chemical Products and Their Applications. Pesticides.

II

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28716.

Author : Graczyk-Tolwinska, Z., Szuchnik, A., and Rdzanek, I.

Inst :

Title : Investigation of the Fungicidal Activity of Some Heterocyclic Compounds.

Orig Pub: Przegląd Dermatol i Wenerol, 8, No 3, 305-313 (1958)  
(in Polish with English and Russian summaries)

Abstract: The authors have investigated the fungicidal activity of 1-(4'-methylthiazolyl-2')-, 1-(benzothiazolyl-2')-, 1-( $\alpha$ -naphthothiazolyl-2')-, and 1-( $\gamma$ -pyridyl)-3,3,3-trichloro-2-propanols,  $\beta$ -(4-methylthiazolyl-2')-,  $\beta$ -(benzothiazolyl-2')-,  $\beta$ -( $\alpha$ -naphthothiazolyl)-,  $\beta$ -( $\chi$ - and  $\gamma$ -pyridyl)-

Card : 1/2

220

ALKIEWICZ, J.; GRACZYKOWNA, Z.

Inhibiting action of *Pseudomonas aeruginosa* on the growth of  
*Asperigillus fumigatus*. Med. dosw. Mikrob., Warsz. 4 no. 2:257-  
262 1952. (GLML 22:4)

1. Of the Dermatological Department of Poznan Municipal Hospital  
and of the National Institute of Hygiene Branch in Poznan.

DUX, Kazimierz; GRACZYKOWSKA, Alicja

Endocrine function of the gonads in female forms of male  
pseudohermaphroditism. Postępy wiedzy med. 2 no.4:353-368  
Oct-Dec '55.

1. II Klinika Chor. Wewn. A.M. w Poznaniu Kierownik: prof. dr.  
J. Roguski Oddział Endokrynologiczny I Kliniki Chor. Wewn.  
Sl. A.M. w Zabrsu Kierownik: prof. dr J. Japa. Zakład  
Patologii Ogólnej i Doswiadczonej Sl. A.M. w Zabrsu. Kierownik:  
prof. dr K. Dux.

(HERMAPHRODITISM,  
pseudohermaphroditism, gonadal funct. in)  
(GONADS, physiology,  
in pseudohermaphroditism)

GRACZYKOWSKA, A

KOSOWICZ, Jerzy; GRACZYKOWSKA, Alicja

Diagnostic difficulties in hypothyroidism in children. Pediat.  
polska 30 no.7:543-551 July '55.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:  
prof. dr med. J. Moguski. Warszawa 32, Tucholska 24.  
(HYPOTHYROIDISM, in infant and child,  
diag. difficulties)

EXCERPTA MEDICA Sec 6 Vol 13/5 Internal Med. May 59

2299. HYDRATIONS OF TISSUE IN THYROID DISEASE - Uwodnienie tkanek w schorzeniach tarczycy - Graczykowska-Koczorowska A. and Chądzyńska-Ruszkowska J. H. Klin. Chor. Wewn. A.M., Poznań - POL. ARCH. MED. WEWNET. 1958, 28/1 (35-40) Graphs 7

In 14 cases of hyperthyroidism and in 11 of hypothyroidism the extracellular hydration of s. c. and muscular tissue was determined by the conductometric method. In hypothyroidism a normal hydration both of the s. c. and the muscular tissue was found. In the patients with hyperthyroidism a tendency to a decreased hydration of muscles with a normal hydration of the s. c. tissue was observed. (VI, 3<sup>a</sup>)



KUHN, Marta; WOJTCZAK, Andrzej; GRACZYKOWSKA-KOCZOROWSKA, Alicja

Changes of the extracellular space in patients with acromegaly.  
Polskie arch. med. wewn. 28 no.1:41-48 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik: prof.  
dr med. J. Roguski. Adres autora: Poznań, Przybyszewskiego 49.

(ACROMEGALY, metabolism in  
extracellular fluid level & plasma level (Pol))

(BODY FLUIDS, determination  
extracellular levels in acromegaly (Cs))

KOSOWICZ, Jerzy ; GRACZYKOWSKA-KOCZOROWSKA, Alicja

Coma in ~~Simmonds'~~ disease. Polskie arch. med. wewn. 28 no.1:87-93  
1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik: prof.  
dr med. J. Roguski. Adres Autra: Poznan, ul. Przybyszewskiego 49.

(~~SIMMONDS'~~ DISEASE, complications

coma, case reports (Pol))

(COMA,

in ~~Simmonds'~~ dis., case reports (Pol))

GRACZYKOWSKA-KOCZOROWSKA, Alicja

Changes in water content and electrolyte concentration in blood induced by light hypoglycemic states. Polskie arch.med.wewn. 28 no.4:544-547 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik: prof. dr med. J. Roguski. Adres autora: Poznań, ul. Przybyszewskiego 49, II Klinika Chorob Wewn. A.M.

(HYPOGLYCEMIA, blood in.

water content-electrolyte concentration in light hypoglycemic states (Pol))

(WATER, in blood

same (Pol))

(ELECTROLYTES, in blood

electrolyte concentration-water content in light hypoglycemic states (Pol))

KOSOWICZ, Jerzy; GRACZYKOWSKA-KOCZOROWSKA, Alicja; WOJTCZAK, Andrzej;  
KUHN, Maria; BACZYK, Kazimierz

Water-electrolyte disorders in endocrine syndromes. Polskie arch.  
med. wewn. 28 no.4:529-534 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:  
prof. dr med. J. Roguski. Adres Autora: Poznań, Przybyszewskiego 49.  
II Klinika Chorob Wewn. A.M.

(ENDOCRINE DISEASES, manifest.

water-electrolyte disord. (Pol))

(BODY FLUID BALANCE, in various dis.

water-electrolyte disord. in endocrine dis. (Pol))

KOSOWICZ, Jerzy; GRACZYKOWSKA-KOCZOROWSKA, Alicja; KUHN, Maria; NOWACZYK,  
Janina; WOJTCZAK, Andrzej

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